12-07-01

PTO/SB/05 (03-01)
Appr[o] use through 10/31/2002. OMB 0651-0032
U.S. Patent and Tradem[...]ce: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

A

Please type a plus sign (+) inside this box → ⊞

jc690 U.S. PTO
12/04/01

UTILITY PATENT APPLICATION TRANSMITTAL	*Attorney Docket No.*	03248.00045
	First Inventor	Anthony C. Mulligan, et al.
	Title	Multi-Functional Composite Structures
(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))	*Express Mail Label No.*	EL 820756229 US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Pate[...] Box Patent Application Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
   (Submit an original and a duplicate for fee processing)

2. ☒ Applicant claims small entity status.
   See 37 CFR 1.27.

3. ☒ Specification *[Total Pages* 32 *]*
   (preferred arrangement set forth below)
   - Descriptive title of the Invention
   - Cross Reference to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to sequence listing, a table, or a computer program listing appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings *(if filed)*
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C.113) *[Total Sheets* 3 *]*

5. Oath or Declaration *[Total Pages* 3 *]*
   a. ☐ Newly executed (original or copy)
   b. ☐ Copy from a prior application (37 CFR 1.63 (d))
      (for a continuation/divisional with Box 18 completed)
      i. ☐ **DELETION OF INVENTOR(S)**
      Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*

8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
   a. ☐ Computer Readable Form (CRF)
   b. Specification Sequence Listing on:
      i. ☐ CD-ROM or CD-R (2 copies); or
      ii. ☐ paper
   c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))

10. ☐ 37 C.F.R.§3.73(b) Statement ☐ Power of Attorney
    (when there is an assignee)

11. ☐ English Translation Document *(if applicable)*

12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. ☒ Other: <u>Certificate of Mailing Via US Express Mail</u>

18. If a CONTINUING APPLICATION, *check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:*
    ☐ Continuation   ☐ Divisional   ☐ Continuation-in-part (CIP)   of prior application No: _____ / _____
    Prior application information: Examiner _____   Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The Incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ *Customer Number or Bar Code Label*   *(Insert Customer No. or Attach bar code label here)*   or ☐ *Correspondence address below*

Name	Banner & Witcoff, Ltd.				
Address	10 South Wacker Drive				
	Suite 3000				
City	Chicago	State	Illinois	Zip Code	60606
Country	U.S.A.	Telephone	312-715-1000	Fax	312-715-1234
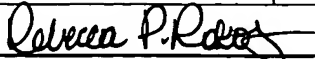
Name (Print/Type)	Rebecca P. Rokos	Registration No. (Attorney/Agent)	42,109
Signature	*Rebecca P. Rokos*	Date	December 4, 2001

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Anthony C. Mulligan, et al.
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned

TOTAL AMOUNT OF PAYMENT	($) 672	Attorney Docket No.	03248.00045

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: **01-0850**

Deposit Account Name: **Banner & Witcoff, Ltd.**

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	370
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) ($) 370

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	24 -20 ** = 4	X 9	= 36
Independent Claims	6 -3 ** = 3	X 42	= 126
Multiple Dependent	1	X 140	= 140

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($) 302

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

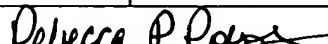| Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive – unavoidable	
141	1,280	241	640	Petition to revive – unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) ($) 0

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Rebecca P. Rokos	Registration No. Attorney/Agent	42,109	Telephone	312-715-1000
Signature	Rebecca P. Rokos			Date	December 4, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Certificate of Mailing by Express Mail under 37 CFR 1.10

Express Mail No.: EL 820756229 US

Date Deposited: December 4, 2001

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR § 1.10 on the date indicated above in an envelope addressed to:

U.S. Patent and Trademark Office
Box Patent Application
P. O. Box 2327
Washington, D.C. 22202

By: _Rebecca P. Rob_____

(person *actually* depositing)

Application Number: Not Yet Assigned
Filing Date: Concurrently Herewith
First Named Inventor: Anthony C. Mulligan, et al.
Group Art Unit: Not Yet Assigned
Examiner Name: Not Yet Assigned
Attorney Docket No.   03248.00045

1.   Utility Patent Application Transmittal;
2.   Fee Transmittal for FY 2002;
3.   Application Data Sheet;
4.   Patent Application (32 sheets including Abstract);
5.   Three pages drawings (containing Figs. 1 through 5);
6.   Joint Declaration for Patent Application; and
7.   Return Post Card

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.